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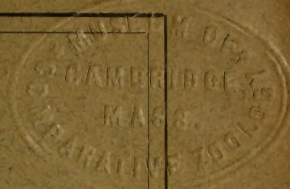
*May 10. 1897 - May 16. 1904.*







MAY 21 1898



6110  
THE  
TWENTY-SIXTH ANNUAL REPORT

OF THE

BOARD OF DIRECTORS

OF THE

ZOOLOGICAL SOCIETY

OF PHILADELPHIA.

(INCORPORATED MARCH 21ST, 1859.)

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READ AT THE ANNUAL MEETING OF THE MEMBERS AND LOAN-  
HOLDERS OF THE SOCIETY.

APRIL 28th, 1898.

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PHILADELPHIA:  
PRINTING HOUSE OF ALLEN, LANE & SCOTT,  
1211-13 Clover Street.  
1898.





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TWENTY-SIXTH ANNUAL REPORT

BOARD OF DIRECTORS

ZOOLOGICAL SOCIETY

OF PHILADELPHIA

FOR THE YEAR 1906

OF THE FIRST ANNUAL MEETING OF THE BOARD OF DIRECTORS

HELD AT THE

ACADEMY OF NATURAL SCIENCES

ON

THE 15TH DAY OF

DECEMBER, 1906

AT THE ANNUAL MEETING OF THE BOARD OF DIRECTORS

HELD AT THE

ACADEMY OF NATURAL SCIENCES



MAY 21 1898

THE  
ZOOLOGICAL SOCIETY OF PHILADELPHIA.

OFFICE, THIRTY-FIFTH STREET AND GIRARD AVENUE,  
FAIRMOUNT PARK.

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OFFICERS FOR THE YEAR ENDING APRIL 27TH, 1899.

**PRESIDENT,**  
CHARLES PLATT.

**VICE-PRESIDENTS:**

J. VAUGHAN MERRICK,                  CHARLES W. TROTTER.

**CORRESPONDING SECRETARY,**  
PROF. HENRY C. CHAPMAN.

**RECORDING SECRETARY,**  
ARTHUR ERWIN BROWN.

**TREASURER,**  
HENRY T. COATES.

**DIRECTORS:**

WILLIAM H. MERRICK,	CHRISTIAN C. FEBIGER,
ISAAC J. WISTAR,	DAVID W. SELLERS,
FRANCIS T. FASSITT,	SAMUEL G. DIXON, M. D.,
GALLOWAY C. MORRIS,	J. BAYARD HENRY,
FRANCIS W. LEWIS, M. D.,	JAMES B. LEONARD,
CHARLES M. LEA,	HARRY B. TYLER.

**ACTUARY,**  
CHARLES L. JEFFERSON.

**SOLICITORS:**

SAMUEL WAGNER,                  WM. W. MONTGOMERY.





# REPORT OF THE BOARD OF DIRECTORS.

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PHILADELPHIA, April 28th, 1898.

The Board of Directors of the Zoological Society of Philadelphia submit to the members and loan-certificate holders their twenty-sixth annual report of the operations of the Society for the year ending on the 28th of February, 1898.

## GENERAL AFFAIRS AND FINANCES.

The number of members on the 1st of March, 1898, was—

Annual members . . . . .	360
Life members . . . . .	1,330
Corresponding members . . . . .	9
Honorary members . . . . .	21
Perpetual members . . . . .	261

Total members (exclusive of loanholders) . . . 1,981

The following is a report in detail of the admissions and receipts for the year :—

Adults (paying at gates) . . . . .	112,891
Children (paying at gates) . . . . .	40,328
Members (including Life and Annual Members, loanholders' annual, and complimentary annual tickets) . . . . .	1,992
Loanholders' single tickets . . . . .	8,014
Free admissions (charitable institutions, donors' tickets, &c.)* . . . . .	3,722
Coupon tickets . . . . .	416
Excursion tickets . . . . .	6,636
	173,999

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\* In addition to these, 125,000 tickets were issued to the Board of Education, for the admission of pupils of the Public Schools.

*Monthly Record of Visitors for 1897-98, with corresponding  
account for 1896-97.*

MONTH.	1896-97.	1897-98.	COMPARISON.
March . . . . .	5,574	6,898	Increase . . 1,324
April . . . . .	12,996	16,193	" . . 3,197
May . . . . .	25,743	26,672	" . . 929
June . . . . .	16,158	17,103	" . . 945
July . . . . .	20,533	16,436	Decrease . . 4,097
August . . . . .	21,857	26,711	Increase . . 4,854
September . . . .	25,234	20,642	Decrease . . 4,592
October . . . . .	16,184	15,242	" . . 942
November . . . . .	11,377	9,874	" . . 1,503
December . . . . .	7,508	5,147	" . . 2,361
January . . . . .	5,429	6,127	Increase . . 698
February . . . . .	5,037	6,954	" . . 1,917
	173,630	173,999	Increase . . 369

Average daily admissions . . . . . 477  
 The greatest number of visitors on any one day was  
     on Saturday, May 29th . . . . . 4,373

*Monthly Record of Receipts from Admissions for 1897-98, with  
corresponding account for 1896-97.*

MONTH.	1896-97.	1897-98.	COMPARISON.
March . . . . .	\$905 76	\$1,102 53	Increase . . \$196 77
April . . . . .	2,202 65	2,313 78	" . . 111 13
May . . . . .	3,381 84	3,766 93	" . . 385 09
June . . . . .	2,041 27	2,239 98	" . . 198 71
July . . . . .	2,985 33	2,158 72	Decrease . . 826 61
August . . . . .	2,669 61	3,268 17	Increase . . 598 56
September . . . .	3,292 14	2,765 59	Decrease . . 526 55
October . . . . .	2,008 41	2,125 74	Increase . . 117 33
November . . . . .	1,440 14	1,311 88	Decrease . . 128 26
December . . . . .	1,091 91	797 55	" . . 294 36
January . . . . .	856 49	977 11	Increase . . 120 62
February . . . . .	904 67	1,080 78	" . . 176 11
	\$23,780 22	\$23,908 76	Increase . . \$128 54



Average daily receipts from admissions . . . . . \$65 50

The largest amount of receipts at the gates on any  
one day was on Sunday, May 16th . . . . . 691 64

*Total Receipts on the several days of the week, and their respective  
averages for 1897-98.*

RANK.	DAYS.	TOTAL RECEIPTS.	AVERAGE.
1	Sunday . . . . .	\$9,393 77	\$180 65
2	Saturday . . . . .	6,382 40	122 74
3	Monday . . . . .	1,991 33	37 57
4	Friday . . . . .	1,646 89	31 67
5	Thursday . . . . .	1,607 85	30 92
6	Wednesday . . . . .	1,515 60	29 15
7	Tuesday . . . . .	1,370 92	26 36
		\$23,908 76	

There has been nothing in the general affairs of the Society during the year which calls for special mention.

#### THE GARDENS.

At the close of the year the collection contained 1019 living animals: 339 mammals, 421 birds, 238 reptiles and 21 batrachians.

The number of specimens received was as follows:—

##### MAMMALS:—

Purchased . . . . .	122
Presented . . . . .	37
Bred in the Gardens . . . . .	32
	— 191

##### BIRDS:—

Purchased . . . . .	80
Presented . . . . .	54
	— 134

##### REPTILES AND BATRACHIANS:—

Purchased . . . . .	242
Presented . . . . .	83
Bred in the Gardens . . . . .	85
	— 410
	— 735

A few notes may be given relating to the accessions of more than ordinary interest.

A young long-haired spider monkey (*Sapajou vellerosus*) from Northwestern Guatemala was presented on 9th March by Mr. John Strouse, of Philadelphia. On the 12th a very beautiful specimen, belonging to a rare species of whip snake (*Zamenis flagelliformis piceum*, Cope), was received from Mr. Herbert Browne, of Tucson, Ariz., a corresponding member of the Society. Very few examples of this snake have been collected and it is probably exhibited alive for the first time.

A pair of white-eared quail (*Eupsychortyx cristatus*), from the West Indies, were received on the 19th of March, and a few days later six tree boas (*Corallus ruschenbergeri*), from Trinidad, were purchased.

Mr. M. Nitto Irvington brought from Brazil an unadorned amazon (*Chrysotis inornata*). This parrot, being of much rarity, was a welcome addition.

A California gray squirrel (*Sciurus fossor*) was purchased on the 3d April. This species was also new to the collection.

A five-year-old male elk was received in exchange from the National Zoological Park for the purpose of breeding.

The "Pen and Pencil Club," of Philadelphia, presented on the 22d of April a pair of black bear cubs (*Ursus americanus*), which had been kept for a time as pets at their club house.

A fine specimen of the naked-throated bell bird (*Chasmorhynchus nudicollis*), a native of Brazil, was received by purchase about the end of the month. These birds take their name from the bell-like notes emitted by several of the species. None of them have ever before been represented in the Gardens.

In May a half-grown male mandrill baboon (*Papio mormon*) was received in exchange. A collection of snakes was received from Florida on the same day, among which were specimens of the slender snake (*Stilosoma extenuata*) and Allen's snake (*Helicops alleni*). These were shortly followed



by a collared lizard (*Crotaphytus collaris*) from Western Texas, a species which has not been represented with us for many years.'

A young Barbary ape (*Macacus innuus*), two Moor macaques (*M. maurus*), and a remarkably fine male specimen of Arabian baboon (*Papio hamadryas*) were among the additions to the Monkey House in May.

On the 23d of this month two young West Indian seals (*Monachus tropicalis*) were purchased from E. E. Saunders & Co., of Pensacola, Fla. Although the existence of a peculiar species of seal in the Caribbean Sea has been known for several centuries, no detailed description has been given of it until very recently, and no living specimens have been procured until a schooner was sent out last Spring by the merchants named for the purpose of capturing some, which was finally effected on a small coral reef off the Campeachy coast of Yucatan.

These animals were distributed among various collections, and in addition to those secured by the Society in May a third one was purchased in September. It was hoped that observations might be made upon the habits of this almost unknown species, but, unfortunately, in all these cases, the animals were induced to take food with difficulty and in small quantity, and they lived but a short time. The genus *Monachus* includes the present species and one other found in the waters of the Mediterranean, these seals being the only ones belonging to the *Phocidæ*, or the group without external ears, which are found in sub-tropical regions of the Atlantic.

One of our native batrachians (*Amblystoma opacum*), not often received by us, was presented by the Academy of Natural Sciences in August.

Four sparrow hawks (*Falco sparverius*) were presented in September by Mr. W. Gordon Smith.

A Lapp sledge dog was received on the 11th September through the generosity of Dr. Judson Daland, who procured the animal at Hammerfest, Norway, and had it forwarded to the Gardens.

Two examples of the Venezuela parakeet (*Bolborhynchus lineolatus*) were presented on the 18th September by Mr. W. M. Warner; they were brought by him from Vera Cruz.

A male and female of the South-African ostrich (*Struthio australis*) were purchased on 22d September, and a month later a second pair were received, also by purchase. These birds were bred in Southern California. Two striped hyænas (*Hyæna striata*) were also purchased.

On the 4th of October two males of the Nepaulese parakeet (*Palæornis nepalensis*) of Northern India were procured from a dealer. This large and beautiful species was new to the collection.

On the 8th a young male gazelle was purchased from the master of a vessel which had touched at Muscat, Arabia. The animal is too young to be identified with certainty, but there can be little doubt that it is *Gazella muscatensis*, a species which has hitherto been represented but doubtfully in the collection.

Messrs. Hagar & Co., of Philadelphia, presented on 14th October a young Arctic fox (*Vulpes lagopus*) from Greenland.

On 2d November a male of the grand eclectus parrot (*Eclectus roratus*) was purchased, and on the same day an agouti, new to the collection (*Dasyprocta cristata*), a native of the West Indies, was received.

A male dromedary (*Camelus dromedarius*) was purchased from the Commissioners of Druid Hill Park, Baltimore, on the 2d of November, and a few weeks later a female Bactrian camel (*C. bactrianus*) was received from a dealer. The original stock of camels of both species, which had been for many years in the Gardens, has now entirely disappeared, in great measure as a result of continued inbreeding.

A curious ram of a domestic breed of sheep from Negapatam, on the Madras coast of India, was presented by Capt. R. Smith, of the steamship "Abana."

On 15th December a young female jaguar (*Felis onca*) was procured by purchase.

On 30th December three beautiful specimens of Carolina parakeet (*Conurus carolinensis*) were presented by Mr. M. N.



Metz, of Lansdale, Pa. These birds came from Florida, which is now almost the last refuge of this formerly abundant species. A fourth specimen owned by the Society was presented by Mr. Robert Ridgway, of the United States National Museum, in October, 1884, and is still living.

A Chinese jay thrush (*Garrulax chinensis*) was purchased on 19th January, 1898. On the 27th three hooded siskin finches (*Chrysomitris cucullatus*) and an agouti of some rarity (*Dasyprocta isthmica*) were received from Venezuela. Both of these species were new to the collection, and the agouti was especially welcome, as the series of known species of these rodents which have been exhibited in the Gardens is now nearly complete. On the same date one of the prairie ground squirrels (*Spermophilus franklini*) was received from Nebraska. None of these interesting little animals have been shown in the collection for many years.

The animals bred in the Gardens during the year were:—

- 8 Hog Deer (*Cervus porcinus*), one male and seven females; born 2d, 5th, 7th, and 9th April, 3d June, 17th December, 7th and 24th January.
- 1 Axis Deer (*Cervus axis*), female; born 4th April.
- 3 Prairie Wolves (*Canis latrans*), born 26th April.
- 4 Common Deer (*Cariacus virginianus*), two male and two female; born 24th and 25th May and 3d June.
- 7 Elk (*Cervus canadensis*), two male and five female; born 30th May, 6th, 10th, and 29th June, and 20th September.
- 2 American Buffalo (*Bison bison*), males; born 1st June and 4th February.
- 4 Fallow Deer (*Cervus dama*), two males and two females; born 3d, 4th, and 5th June and 11th August.
- 1 Red Deer (*Cervus elaphus*), female; born 22d July.
- 34 Cyclops Water Snakes (*Tropidonotus cyclopeum*); twenty-one born 24th July, thirteen born 12th August.
- 41 Banded Water Snakes (*T. fasciatus*); twenty-four born 27th July, seventeen born 12th August.
- 2 Ring-necked Snakes (*Diadophis punctatus*); born 1st August.

- 8 Water Moccasins (*Ancistrodon piscivorus*); born 30th August.
- 2 Indian Antelopes (*Antilope cervicapra*), males; born 15th and 23d December.
- 1 Vervet Monkey (*Cercopithecus pygerythrus*); born 25th January.

The principal losses by death were the male orang "Chief," which took place 3d November, 1897, from invagination of the intestine. This animal was received at the Gardens 16th November, 1893, and was perhaps as fine a specimen of his kind as any which have been exhibited. The autopsy showed the animal to have been in such complete health that the accidental nature of his death was greatly to be regretted. It is worthy of note that while it has more than once been pronounced by high authority to be anatomically impossible for the orang to maintain an erect attitude without touching some means of support, this animal was repeatedly observed walking about his cage in an absolutely erect position without having his hands in contact with any fixed object.

The Indian elephant "Jennie," which had been a general favorite in the Gardens for twenty-four years, died 18th January, 1898. She had been subject to rheumatic attacks for some years and death was owing finally to a complication of diseases. The fine male Rocky Mountain sheep which had done so well for nearly two years as to give encouragement to the prospect of successfully keeping these difficult animals, succumbed in August to the excessive dampness which prevailed for long periods during the summer.

The outside cages at the new Monkey House were erected and put into use during the summer, thus finally completing what is without doubt the most pleasing and well-adapted building on the grounds. Plans have been prepared for a house for small mammals, to be erected upon the site of the old Monkey House, all of which will be torn down with the exception of the stone portion of the outer

walls. The new building will be of somewhat greater area and it is proposed to complete it during the coming year.

A large piece of ground lying between the Carnivora House and the eastern main walk has been enclosed by an iron fence, to contain the elk, and a similar pen has been made for common camels on the opposite side of the walk to the west. These enclosures are provided with substantial shelters of red cedar, which can be closed in on three sides for winter use, and with streams of water discharging into stone pools built into the ground. A similar construction is projected on the western main walk, opposite the Carnivora House, for Bactrian camels. The removal of the elk and camels from the series of pens on the western side of the Gardens, south of the wolf pens, has made it possible to remove the division fences and give the American buffalo the whole space, measuring some four hundred and twenty feet in length with a depth of from one hundred and ten to one hundred and eighty feet.

While the conditions afforded by an enclosure of this size fall far short of those which are to be desired, but which could be had only in an area large enough to admit of the preservation of such natural features as trees, shrubbery, and grass, they are probably as good as can be supplied in a zoological garden of average size, and, on the whole, the condition of the herd of buffalo owned by the Society is most gratifying.

Two additional pairs of iron cages for birds of prey were built at the southern end of the grounds, where it is hoped that the whole series of these birds may be gradually concentrated.

The responsible lessee of the restaurant died during the summer. The Board took advantage of this occasion to make a complete change in the management of that portion of the service. A new lease, taking effect 1st January, 1898, has been concluded with Charles W. Whitehurst, under provisions which are directed towards securing much better facilities for refreshment than have heretofore been available to visitors.



It has been determined that the annual publication of a list of the accessions to the collection, which was suspended some years ago, shall be resumed, and the full list is now printed as an appendix. In addition to the gifts therein named, forty-three old or disabled horses have been presented to serve for food. The thanks of the Board have already been expressed to each of these generous contributors, but it is fitting that they should receive a public acknowledgment in this report.

By order of the Board,

ARTHUR ERWIN BROWN,

*Secretary.*

## INCOME AND EXPENDITURES.

For fiscal year ending March 1st, 1898.

## INCOME.

Members' fees and dues . . . . .	\$600 00	
Admission receipts . . . . .	23,908 76	
Rents at Garden . . . . .	500 00	
Interest, discount, &c. . . . .	886 72	
Sundry receipts . . . . .	947 13	
Sale of guide books . . . . .	70 50	
Special relief fund . . . . .	606 00	
Sales of animals . . . . .	840 00	
Received from the city of Philadelphia through the Commissioners of Fairmount Park . . . .	10,000 00	
		<u>\$38,359 11</u>

## EXPENDITURES.

(Exclusive of Permanent Improvements, &amp;c.)

Salaries and wages . . . . .	\$18,081 22	
Office expenses . . . . .	236 95	
General expenses . . . . .	16,066 88	
Purchase of animals . . . . .	3,806 30	
	<u>\$38,191 35</u>	
Balance to credit of profit and loss . . . . .	167 76	
		<u>\$38,359 11</u>

## CAPITAL.

Receipts and expenditures for the year ending March 1st, 1898.

## RECEIPTS.

Received from the city of Philadelphia through the Com- missioners of Fairmount Park . . . . .	<u>\$6,500 00</u>
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## EXPENDITURES.

New monkey house (on account of) . . . . .	\$2,675 00	
Cages . . . . .	489 00	
Elk and camel inclosures . . . . .	825 20	
Elk and camel shelters . . . . .	378 00	
Extension of buffalo pen . . . . .	208 08	
Vulcanite walks . . . . .	2,069 70	
	<u>\$6,644 98</u>	
Balance (being excess of expenditures over re- ceipts of capital and provided from profit and loss . . . . .	144 98	
		<u>\$6,500 00</u>

HENRY T. COATES,

*Treasurer.*

Examined and found correct.

SAMUEL G. DIXON,

FRANCIS W. LEWIS,

*Committee on Audit.*

LIST OF ADDITIONS TO THE MENAGERIE DURING THE YEAR  
ENDING FEBRUARY 28TH, 1898.

1897.

- Mar. 3. 1 Bald Eagle (*Haliaeetus leucocephalus*). 2 Weeper Capucins (*Cebus capucinus*) purchased.
- " 4. 1 Raccoon (*Procyon lotor*) presented by Miss L. B. Purnell, Philadelphia.
- " 8. 1 Alligator (*Alligator mississippiensis*) presented by Miss Frances E. Bloodgood, Philadelphia.
- " 9. 1 Long-haired Spider Monkey (*Ateles vellerosus*) presented by John Strouse, Philadelphia. 7 Brant Geese (*Bernicla branta*). 1 Red-headed Duck (*Fuligula ferina*).
- " 10. 4 Gray Squirrels (*Sciurus carolinensis*). 2 Flying Squirrels (*Pteromys volucella*).
- " 11. 1 European Magpie (*Pica pica*) purchased. 1 Red-shouldered Buzzard (*Buteo lineatus*) presented by Henry Fowler, Philadelphia.
- " 12. 1 Coachwhip Snake (*Bascanium flagelliformis*) presented by Herbert Brown, Tucson, Ariz.
- " 13. 1 Alligator (*Alligator mississippiensis*) presented by Colbert Brothers, Philadelphia.
- " 14. 3 Alligators (*A. mississippiensis*) presented by George A. Rice, Philadelphia.
- " 17. 1 Alligator (*A. mississippiensis*) presented by Master Hesser Ritchie, Philadelphia.
- " 19. 4 St. Thomas' Conures (*Conurus xantholenus*). 4 Gray-headed Love Birds (*Agapornis cana*). 4 Undulated Grass Parrakeets (*Melospitacus undulatus*). 4 White-eared Quail (*Eupsychortyx cristatus*). 2 European Quail (*Coturnix communis*) purchased.
- " 20. 1 Alligator (*A. mississippiensis*) presented by Carroll Fow, Philadelphia. 1 Brown Capucin (*Cebus fatuellus*) presented by Peter Saybolt, Philadelphia.
- " 23. 30 Garter Snakes (*Eutania sirtalis*) presented by Harry Kelley, Philadelphia.
- " 24. 7 Ruschenberger's Tree Boas (*Corallus ruschenbergeri*). 2 Common Boas (*Boa Constrictor*).
- " 25. 5 Brant Geese (*Bernicla branta*) purchased.
- " 30. 1 White-fronted Amazon (*Chrysotis leucocephalus*) presented by J. Ogden Burt, Bridgeton, N. J.
- " 31. 1 Unadorned Amazon (*Chrysotis inornata*) presented by M. Nitto Irvington, Philadelphia.
- April 1. 1 Barn Owl (*Strix flammea americana*) presented by Julius Abend, Philadelphia.
- " 2. 1 Hog Deer (*Cervus porcinus*) ♀ born in the Gardens.
- " 3. 1 Alligator (*A. mississippiensis*) presented by Erle Kline, Philadelphia. 1 Wild Cat (*Lynx rufus*). 1 California Gray Squirrel (*Sciurus fessor*) purchased. 2 Alligators (*A. mississippiensis*) presented by Master John Paxson, Philadelphia.
- " 4. 1 Axis Deer (*Cervus axis*) ♀ born in the Gardens.
- " 5. 1 Hog Deer (*Cervus porcinus*) ♀ born in the Gardens.
- " 6. 1 Pinche Monkey (*Midas ædipus*) presented by S. B. Vrooman, Philadelphia.



April 7. 1 Hog Deer (*Cervus porcinus*) ♀ born in the Gardens.

" 8. 1 Elk (*Cervus canadensis*) ♂ received from National Zoological Park in exchange.

" 9. 1 Hog Deer (*Cervus Porcinus*) ♀ born in the Gardens.

" 10. 1 Great-horned Owl (*Bubo virginianus*) presented by C. H. Wortman, Philadelphia.

" 13. 1 Ring-necked Snake (*Diadophis punctatus*) presented by Academy of Natural Sciences, Philadelphia. 1 Black Snake (*Bascanium constrictor*) purchased.

" 14. 2 Gray Squirrels (*Sciurus carolinensis*) presented by E. M. Matlack, Philadelphia.

" 16. 1 Alligator (*A. mississippiensis*) presented by Master L. Hamilton, Philadelphia.

" 17. 1 Least Bittern (*Ardetta exilis*) presented by A. P. Willits, Philadelphia.

" 22. 2 Black Bears (*Ursus americanus*) ♂ and ♀ presented by the Pen and Pencil Club, Philadelphia.

" 24. 1 Rabbit presented by Howard Koch, Philadelphia.

" 26. 3 Prairie Wolves (*canis latrans*) born in the Gardens.

" 27. 1 Great Northern Diver (*Urinator immer*) presented by H. N. Coxe, Schuylkill Haven, Pa. 1 Painted Terrapin (*Chrysemys picta*) presented by Henry M. Goodwin, Philadelphia.

" 28. 1 Naked-throated Bell Bird (*Chasmodon hutchinsii*). 2 Cardinal Red Birds (*Cardinalis virginianus*) purchased. 1 Gila Monster (*Heloderma suspectum*) from collection of Prof. E. D. Cope.

" 29. 1 Mandrill (*Cynocephalus mormon*). ♂ 1 Brazilian Porcupine (*Syntheres prehensilis*).

" 30. 1 Spotted Paradoxure (*Nandinia binotata*). 4 Nine-banded Armadillos (*Tatusia novem-cinctus*). 2 Ring-tailed Bassaris (*Bassaris astuta*). 1 Green Monkey (*Cercopithecus callitrichus*) purchased.

May 1. 1 Mandrill (*Cynocephalus mormon*) ♂ received in exchange. 1 Diamond Rattlesnake (*Crotalus adamanteus*). 2 Allen's Snakes (*Helicops alleni*). 1 Keeled Green Snake (*Cyclophis æstivus*). 1 Slender Snake (*Stilosoma extenuata*). 1 Red-bellied Snake (*Farancia abacura*). 1 Ring-necked Snake (*Diadophis punctatus*).

" 3. 24 Prairie Dogs (*Cynomys ludovicianus*), 1 Collared Lizard (*Crotaphytus collaris*) purchased.

" 4. 1 Flying Squirrel (*Sciuropterus volucella*) presented by John M. Zeigler, Philadelphia. 1 Alligator (*A. mississippiensis*) presented by Charles G. Stone, Philadelphia.

" 11. 1 Raccoon (*Procyon lotor*) presented by Jacob Hoffman, Philadelphia.

" 12. 2 Alligators (*A. mississippiensis*) presented by A. W. Shields, Philadelphia.

" 13. Sooty Mangabeys (*Cercocebus fuliginosus*). 7 Guinea Baboons (*Cynocephalus sphinx*). 2 Pig-tailed Monkeys (*Macacus nemestrinus*). 1 Bonnet Monkey (*Macacus radiatus*). 2 Green Monkeys (*Cercopithecus callitrichus*). 3 Mona Monkeys (*Cercopithecus mona*). 1 Moor Macaque (*Macacus maurus*). 1 Barbary Ape (*Macacus inuus*) purchased.

" 14. 1 Gray Squirrel (*Sciurus carolinensis*) presented by M. Irving Knowles, Philadelphia.

- May 15. 1 Pine Snake (*Pityophis melanoleucus*) presented by J. A. E. Norcross, Vincentown, N. J. 1 Common Macaque (*Macacus cynomolgus*).
- " 17. 3 Harlequin Snakes (*Elaps fulvius*). 2 Keeled Green Snakes (*Cyclophis æstivus*).
- " 18. 2 Hawk-headed Caica Parrots (*Deropterus accipitrinus*). 1 Hamadryas Baboon (*Cynocephalus hamadryas*). ♂ 12 Prairie Dogs (*Cynomys ludovicianus*) purchased. 1 Smooth Green Snake (*Liopeltis vernalis*). 1 Eastern Worm Snake (*Carphophis amœnus*) presented by Rudolph Coch, Camden, N. J. 1 Opossum (*Didelphys virginiana*) presented by S. F. Reifsnyder, Philadelphia.
- " 20. 1 American Crow (*Corvus americanus*) presented by A. M. Goldsborough, Philadelphia.
- " 23. 2 West Indian Seals (*Monachus tropicalis* ♂ and ♀. 2 Water Snakes (*Tropidonotus sipedon*) purchased.
- " 24. 1 Virginia Deer (*Cariacus virginianus*) ♂ born in the Gardens. 1 Water Snake (*Tropidonotus sipedon*) presented by Harry Kelly, Philadelphia.
- " 25. 1 Virginia Deer (*Cariacus virginianus*) ♀ born in the Gardens. 1 Great-horned Owl (*Bubo virginianus*) presented by M. W. Angell, Holland, N. J.
- " 26. 16 Garter Snakes (*Eutænia sirtalis*). 5 Water Snakes (*Tropidonotus sipedon*) presented by J. E. Richardson, Philadelphia. 1 Ocelot (*Felis pardalis*).
- " 28. 1 Harlequin Snake (*Elops fulvius*). 1 Cyclops Water Snake (*Tropidonotus cyclopeum*) purchased.
- " 30. 1 Elk (*Cervus canadensis*) ♀ born in the Gardens.
- " 31. 1 Alligator (*A. mississippiensis*) presented by Miss Mary C. Curtin, Philadelphia.
- June 1. 1 American Bison (*Bison bison*). ♂
- " 3. 1 Fallow Deer (*Cervus dama*). ♂ 1 Hog Deer (*Cervus porcinus*). ♀ 2 Virginia Deer (*Cariacus virginianus*) ♂ and ♀.
- " 4. 1 Fallow Deer (*Cervus dama*) ♀ born in the Gardens. 1 Pine Snake (*Pityophis melanoleucus*) presented by Irving C. Sherman, Tom's River, N. J. 1 Boa (*Boa constrictor*). 4 Pine Snakes (*Pityophis melanoleucus*). 1 Yellow-tailed Rat Snake (*Coluber corais xanthurus*) purchased.
- " 5. 1 Fallow Deer (*Cervus dama*). ♀
- " 6. 1 Elk (*Cervus canadensis*) ♀ born in the Gardens.
- " 7. 2 Harlequin Snakes (*Elaps fulvius*). 1 Brown Water Snake (*Tropidonotus taxispilotus*). 1 Cyclops Water Snake (*Tropidonotus cyclopeum*) purchased. 1 Opossum and 14 young (*Didelphys virginiana*) presented by J. Warner Knight, Philadelphia.
- " 8. 1 Pine Snake (*Pityophis melanoleucus*) presented by William McCoy, Philadelphia. 1 Red-bellied Terrapin (*Chrysemys rubriventris*) presented by William Schoner, Doylestown, Pa. 1 Black-handed Spider Monkey (*Ateles geoffroyi*). 1 Yellow-naped Amazon (*Chrysolis auripalliata*) purchased.
- " 9. 1 Snapping Terrapin (*Chelydra serpentina*) presented by John Loftus, Philadelphia. 1 Black Snake (*Bascanium constrictor*). 1 Mountain Black Snake (*Coluber obsoletus*). 1 Banded Rattlesnake (*Crotalus horridus*) presented by W. H. Witte, Philadelphia.

June 10. 3 Elk (*Cervus canadensis*), ♂ and ♀ ♀, born in the Gardens.

" 12. 2 Prairie Dogs (*Cynomys ludovicianus*) presented by William H. Begley, Jr., Philadelphia. 1 Opossum and young (*Didelphys virginiana*) presented by Howard Jones, William Penn P. O., Pa. 1 Opossum and young (*Didelphys virginiana*) presented by Thomas Meehan, Germantown, Philadelphia.

" 14. 1 Keeled Green Snake (*Cyclophis æstivus*) purchased.

" 18. 2 Painted Terrapin (*Chrysemys picta*) presented by Harry Coady, Philadelphia. 1 Turtle Dove (*Turtur risorius*) presented by John Holby, Philadelphia.

" 19. 2 Guinea Baboons (*Cynocephalus sphinx*). 2 Badgers (*Taxidea taxus*). 1 Diamond Rattlesnake (*Crotalus adamanteus*) purchased.

" 25. 1 Barn Owl (*Strix flammea americana*) presented by William H. Roth, Philadelphia.

" 26. Green Monkey (*Cercopithecus callitrichus*).

" 28. 1 Magpie (*Pica pica*). 1 Short-billed Toucan (*Rhamphastos brevicarinatus*) purchased. 1 Alligator (*A. mississippiensis*) presented by John D. Burg, Philadelphia.

" 29. 1 Elk (*Cervus canadensis*) ♀ born in the Gardens. 1 Badger (*Taxidea taxus*) purchased.

July 2. 1 White-fronted Amazon (*Chrysotis leucocephalus*) presented by Mrs. Mary A. Harper, Philadelphia.

" 6. 1 Mocking Bird (*Mimus polyglottus*) presented by Miss S. H. Smith, Philadelphia.

" 8. 1 Mobile Terrapin (*Chrysemys mobilensis*) presented by Edgar Stilley Philadelphia. 1 Alligator (*A. mississippiensis*) presented by Sorden McClure, Philadelphia.

" 9. 1 Woodchuck (*Arctomys monax*) presented by E. Deal, Darby, Pa. 1 Pine Snake (*Pityophis melanoleucus*) presented by Edward Bowman, Philadelphia.

" 15. 1 Screech Owl (*Scops asio*) presented by Mrs. R. Shoemaker, Philadelphia.

" 17. 1 Milk Snake (*Ophibolus doliatus triangulus*) presented by Thomas Plunket, Philadelphia.

" 19. 2 Green Monkeys (*Cercopithecus callitrichus*) purchased.

" 20. 1 Prairie Dog (*Cynomys ludovicianus*) presented by Clarence L. Johnston, Philadelphia.

" 22. 1 Red Deer (*Cervus elaphus*) ♀ born in the Gardens.

" 23. 1 Pine Snake (*Pityophis melanoleucus*) presented. 1 Garter Snake (*Eutania sirtalis*) presented by George T. Thackera, Philadelphia.

" 24. 21 Cyclops Water Snakes (*Tropidonotus cyclopeum*) born in the Gardens. 1 Sulphur-crested Cockatoo (*Cacatua galerita*) presented by Charles E. Hires, Philadelphia.

" 26. 1 Pig-tailed Macaque (*macacus nemestrinus*) purchased.

" 27. 24 Banded Water Snakes (*Tropidonotus fasciatus*) born in the Gardens.

" 30. 2 White-throated Monkeys (*Cercopithecus albogularis*). 2 Green Monkeys (*Cercopithecus callitrichus*). 5 Red Foxes (*Vulpes fulvus*). 2 Gray Foxes (*Vulpes virginianus*) purchased.

" 31. 1 Opossum (*Didelphys virginiana*) presented by Herbert Smith, Philadelphia. 1 Painted Terrapin (*Chrysemys picta*) presented by Master Roy Gantt, Philadelphia. 3 Green Lizards (*Anolis principatis*)



- presented by Miss Louise Scholl, Philadelphia. 1 Alligator (*A. mississippiensis*) presented by Mrs. Alexander Henry, Philadelphia.
- Aug. 1. 2 Ring-necked Snakes (*Diadophys punctatus*) born in the Gardens.
- " 3. 1 Pine Snake (*P. melanoleucus*) presented by John Huber, Philadelphia.
- " 5. 2 Alligators (*A. mississippiensis*) presented by James E. Crippen, Philadelphia.
- " 7. 1 Pine Snake (*P. melanoleucus*) presented.
- " 9. 1 Barn Owl (*Strix flammea americana*) presented by James Kyle, Philadelphia. 1 Alexandrine Parakeet (*Palaeornis alexandri*) presented by J. H. Edwards, Philadelphia.
- " 10. 1 Alligator (*A. mississippiensis*) presented by Mrs. A. John, Philadelphia. 1 Marbled Salamander (*Amblystoma opacum*) presented by Academy of Natural Sciences, Philadelphia.
- " 11. 2 Painted Terrapins (*Chrysemys picta*) presented by Roy Gantt, Philadelphia. 1 Fallow Deer (*Cervus dama*).
- " 12. 13 Cyclops Water Snakes (*Tropidonotus cyclopeum*). 17 Banded Water Snakes (*Tropidonotus fasciatus*) born in the Gardens. 1 Mink (*Putorius vison*) presented by Edward F. Price.
- " 17. 2 Skylarks (*Alauda arvensis*) presented by William Dounton, Philadelphia.
- " 18. 1 Painted Terrapin (*Chrysemys picta*) presented by Adolph Grimme, Jr., Philadelphia.
- " 22. 1 Prairie Dog (*Cynomys ludovicianus*) presented by William R. Boswell, Philadelphia.
- " 23. 1 Night Heron (*Nycticorax griseus naevius*) presented by Charles Wenrick, Philadelphia. 1 Wave-lined Lizard (*Sceloporus undulatus*) presented by Crosby Pennoek, Lansdowne, Pa. 1 Pie-billed Grebe (*Podilymbus podiceps*) presented by Alfred Green, Philadelphia.
- " 27. 1 Gray Squirrel (*Sciurus carolinensis*) presented by F. H. Klauder, Philadelphia. 1 Pine Snake (*Pityophis melanoleucus*) presented by Dr. Alexander Fulton, Philadelphia.
- " 30. 8 Water Moccasins (*Ancistrodon piscivorus*) born in the Gardens.
- Sept. 4. 1 Great-horned Owl (*Bubo virginianus*) presented by F. E. Chidester, Philadelphia.
- " 5. 1 Gray Squirrel (*Sciurus carolinensis*) presented by Mrs. James A. Stafford, Philadelphia.
- " 7. 4 Sparrow Hawks (*Falco sparverius*) presented by W. Gordon Smith, Philadelphia.
- " 8. 1 Gray Squirrel (*Sciurus carolinensis*) presented by Dr. H. M. Shriner, Philadelphia. 1 Pig-tailed Monkey (*Macacus nemestrinus*) 1 Black-tailed Rat Snake (*Spilotes corais melanurus*) purchased.
- " 10. 1 Red-tailed Buzzard (*Buteo borealis*) presented by Theodore Netter, Philadelphia.
- " 11. 1 Lapland Dog presented by Dr. Judson Daland, Philadelphia.
- " 16. 1 West Indian Seal (*Monachus tropicalis*).
- " 18. 1 Ocelot (*Felis pardalis*) purchased. 2 Venezuela Parakeets (*Bolborhynchus lineolatus*) presented by W. M. Warner, Philadelphia. 1 Great-horned Owl (*Bubo virginianus*) presented by T. J. Hansell & Sons, Philadelphia. 1 Alligator (*A. mississippiensis*) presented by Fred. Haag, Philadelphia. 1 Alligator (*A. mississippiensis*) presented by Willie Weber, Philadelphia.

- Sept. 20. 1 Elk (*Cervus canadensis*) ♂ born in the Gardens. 2 Diamond Rattlesnakes (*Crotalus adamanteus*). 1 Harlequin Snake (*Elaps fulvius*).  
 " 21. 1 Lesser Sulphur-crested Cockatoo (*Cacatua sulphurea*).  
 " 22. 2 South African Ostriches (*Struthio australis*), ♂ and ♀, purchased. 1 Red Squirrel (*Sciurus hudsonius*) presented by W. E. T. Merrill, Philadelphia.  
 " 24. 1 Gila Monster (*Heloderma suspectum*) presented by Miguel Sinohui, Tucson, Ariz. 1 Great-horned Owl (*Bubo virginianus*) presented by Thomas Keyworth, Philadelphia.  
 " 25. 1 Alligator (*A. mississippiensis*) presented by Master Walter Ewing, Philadelphia. 2 Striped Hyænas (*Hyæna striata*).  
 " 27. 2 Diamond Rattlesnakes (*Crotalus adamanteus*) purchased.  
 " 28. 1 Alligator (*A. mississippiensis*) presented by Mrs. J. H. Brown, Philadelphia.  
 " 29. 1 Alligator (*A. mississippiensis*) presented by Charles S. Aitken, Philadelphia.
- Oct. 2. 1 Great-horned Owl (*Bubo virginianus*) presented by Conrad Zitzer, Philadelphia. 1 Brown Thrush (*Harporhynchus rufus*) presented by Miss Mary E. Boyd, Philadelphia.  
 " 3. 1 Brown Thrush (*H. rufus*) presented by Mrs. N. M. Greenough, Philadelphia.  
 " 4. 1 Common Bittern (*Botaurus minor*) presented by Bernard J. McDewitt, Philadelphia. 2 Banded Rattlesnakes (*Crotalus horridus*). 1 Milk Snake (*Ophibolus doliatius triangulus*) presented by R. P. Zebbley, Philadelphia. 2 Parrakeets (*Paleornis nepalensis*) purchased.  
 " 5. 3 Sparrow Hawks (*Falco sparverius*) presented by Master W. L. F. Wright, Philadelphia.  
 " 6. 1 Flying Squirrel (*Sciuropterus volucella*) presented by Dr. Elliston J. Morris, Philadelphia. 1 Cayenne Rail (*Aranides cayanea*) purchased.  
 " 7. 1 Mud Turtle (*Cinosternum pennsylvanicum*) presented by Master Howard Vanderveer, Philadelphia.  
 " 8. 1 Muscat Gazelle (*Gazella muscatensis*). ♂ 1 Fat-tailed Sheep. 2 Black Swans (*Cygnus atratus*).  
 " 9. 3 Mute Swans (*Cygnus olor*).  
 " 10. 2 Diamond Rattlesnakes (*Crotalus adamanteus*) purchased. 1 Black Snake (*Bascanium constrictor*) presented by R. W. Seigel, Philadelphia.  
 " 11. 1 Virginia Quail (*Ortyx virginianus*) presented by George Griffith, Philadelphia.  
 " 12. 2 Banded Rattlesnakes (*Crotalus horridus*) presented by W. H. Witte, Springtown, Pa. 1 Chipmunk (*Tamias striatus*) presented by Edward Battersby, Philadelphia. 1 Opossum (*Didelphys virginiana*) presented by Master Robert Lewis, Philadelphia. 1 Bassaris (*Bassaris astuta*).  
 " 13. 1 Campbell's Monkey (*Cercopithecus campbelli*) purchased.  
 " 14. 1 Arctic Fox (*Vulpes lagopus*) presented by Messrs. Hagar & Co., Philadelphia.  
 " 16. 2 Indian Pythons (*Python molurus*) purchased.  
 " 18. 1 Milk Snake (*Ophibolus doliatius triangulus*) presented by Dr. H. D. Martien, Philadelphia.

- Oct. 21. 1 Banded Rattlesnake (*Crotalus horridus*). 2 Garter Snakes (*Eutania sirtalis*) presented by Walter L. Conwell, Philadelphia.
- " 23. 2 South African Ostriches (*Struthio australis*), ♂ and ♀.
- " 26. 36 Slow Worms (*Anguis fragilis*).
- " 28. 1 Sulphur-crested Cockatoo (*Cacatua galerita*).
- " 29. 22 Water Moccasins (*Ancistrodon piscivorus*). 10 Ground Rattlesnakes (*Sistrurus miliarius*). 3 Chicken Snakes (*Coluber quadrivittatus*). 8 Garter Snakes (*Eutania sirtalis*). 4 Glass Snakes (*Ophisaurus ventralis*). 1 Smooth Green Snake (*Liopeltis vernalis*). 1 Keeled Green Snake (*Cyclophis æstivus*). 1 Harlequin Snake (*Elaps fulvius*). 34 Hog-nosed Snakes (*Heterodon platyrhinos*). 7 Indigo Snakes (*Coluber corais couperi*). 21 King Snakes (*Ophibolus getulus*), 11 Pine Snakes (*Pityophis melanoleucus*). 5 Scarlet Snakes (*Cemophora coccinea*). 6 Water Snakes (*Tropidonotus fasciatus*). 15 Whip Snakes (*Bascanium flagelliformis*). 1 Mud Turtle (*Cinosternum pennsylvanicum*). 1 Soft-shelled Turtle (*Trionyx ferox*). 1 Snapping Terrapin (*Chelydra serpentina*).
- Nov. 2. 1 Grand Eclectus (*Eclectus roratus*). 4 Siskins (*Chrysomitris spinus*). 2 ♂ and 2 ♀. 1 West Indian Agouti (*Dasyprocta cristata*).
- " 4. 2 Arizona Diamond Rattlesnakes (*Crotalus adamanteus atrox*) purchased.
- " 6. 2 Opossums (*Didelphys virginiana*) presented by Abraham Royer, Philadelphia.
- " 7. 1 Striated Terrapin (*Clemmys insculptus*). 4 Spotted Tortoises (*Clemmys guttatus*) presented by Harold Pavord, Philadelphia.
- " 9. 1 Alligator (*A. mississippiensis*) presented by H. E. Robertson, Philadelphia. 1 Tree Frog (*Hyla versicolor*) presented by Master Willie Schweikert, Philadelphia. 1 Common Camel (*Camelus dromedarius*) ♂ purchased.
- " 13. 1 Alligator (*A. mississippiensis*) presented by George B. Dubler, Philadelphia.
- " 16. 6 Banded Rattlesnakes (*Crotalus horridus*).
- " 23. 1 Coypus (*Myopotamus coypus*) purchased.
- " 24. 1 Screech Owl (*Scops asio*) presented by George Myers, West Palmyra, N. J.
- " 26. 2 Fat-tailed Sheep. 1 Western Pine Snake (*Pityophis sayi*) purchased.
- " 27. 7 Garter Snakes (*Eutania sirtalis*). 10 Water Snakes (*Tropidonotus fasciatus*) presented by F. W. Walmsley, Bridgeton, N. J.
- " 28. 1 Alligator (*A. mississippiensis*) presented by Samuel N. Barker, Wilmington, Del. 2 Levaillant's Amazons (*Chrysotis levaillanti*) presented by Caleb J. Milne, Philadelphia.
- Dec. 1. 1 Ocelot (*Felis pardalis*).
- " 2. 1 Bactrian Camel (*Camelus bactrianus*) ♀ purchased. 1 Sheep from Madras ♂ presented by Capt. R. Smith, steamship "Abana."
- " 13. 1 Ocelot (*Felis pardalis*). 2 White-haired Porcupines (*Erethizon dorsatus*) purchased. 1 Virginia Deer (*Cariacus virginianus*) presented by G. W. Drury, York, Pa.
- " 15. 1 Jaguar (*Felis onca*). ♀ 1 California Hair Seal (*Zalophus californianus*) purchased. 1 Indian Antelope (*Antilope cervicapra*) ♀ born in the Gardens.



- Dec. 17. 1 Hog Deer (*Cervus porcinus*) ♀ born in the Gardens. 1 Snowy Owl (*Nyctea scandiaca*) presented by Conrad Heidle, Philadelphia.
- " 18. 1 Opossum (*Didelphys virginiana*) presented by Master Ross Corbin, Philadelphia. 3 Scarlet Snakes (*Cemophora coccinea*). 1 Corn Snake (*Coluber guttatus*) presented by C. B. Moore, Philadelphia.
- " 20. 1 Roseate Cockatoo (*Cacatua roseicapilla*) purchased.
- " 21. 1 Common Rabbit presented by Lieut. B. O. Scott, United States Navy.
- " 22. 2 Red-tailed buzzards (*Buteo borealis*) purchased.
- " 23. 1 Indian Antelope (*Antelope cervicapra*) ♂ born in the Gardens.
- " 26. 1 Harbor Seal (*Phoca vitulina*) purchased.
- " 30. 3 Carolina Parakeets (*Conurus carolinensis*) presented by N. Nietz, Lansdale, Pa. 1 Crow (*Corvus americanus*) presented by Howard Elliott, Philadelphia.
- " 31. 1 Alligator (*A. mississippiensis*) presented by Mrs. J. S. Thomas, Philadelphia.

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- Jan. 1. 1 Painted Terrapin (*Chrysemys picta*) presented by Miss Thyra Smith, Philadelphia. 1 Green-cheeked Amazon (*Chrysotis viridigenalis*) presented by Miss Evalyn Bossert, Philadelphia.
- " 5. 1 Alligator (*A. mississippiensis*) presented by Master Richard E. Hanson, Bala, Pa.
- " 7. 1 Hog Deer (*Cervus porcinus*) ♀ born in the Gardens.
- " 10. 1 Red-tailed Buzzard (*Buteo borealis*) presented by Samuel A. Caldwell, Philadelphia.
- " 11. 1 Rhesus Monkey (*Macacus rhesus*).
- " 12. 5 Common Macaques (*Macacus cynomolgus*). 1 Rhesus Monkey (*Macacus rhesus*). 1 Weeper Capucin (*Cebus capucinus*). 1 White-nosed Coati (*Nasua narica*).
- " 19. 1 Chinese Jay-Thrush (*Garrulax chinensis*).
- " 20. 4 Silver Pheasants (*Euplocamus nycthemerus*), 1 ♂ and 3 ♀. 6 Pine Snakes (*Ptyophis melanoleucus*) purchased.
- " 21. 1 Great-horned Owl (*Bubo virginianus*) presented by John S. Rapson, Philadelphia.
- " 22. 2 Green Lizards (*Anolis principalis*) presented by Master Edward M. Hutton, Philadelphia. 1 Opossum (*Didelphys virginiana*) presented by J. Albert Jones, Philadelphia.
- " 24. 1 Hog Deer (*Cervus porcinus*). ♂
- " 25. 1 Vervet Monkey (*Cercopithecus pygerythrus*) born in the Gardens.
- " 27. 3 Hooded Siskin Finches (*Chrysomitris cucullatus*). 2 Green Finches (*Ligurinus chloris*). 2 Chaffinches (*Fringilla caelebs*). 1 Franklin's Sparrow (Spermophilus (*Spermophilus melanoleucus* franklini)). 1 Central American Agouti (*Dasyprocta isthmica*). 4 Cardinal Red Birds (*Cardinalis virginianus*) purchased.
- " 31. 1 Screech Owl (*Scops asio*) presented by Joseph Morgan Livezey, Philadelphia.
- Feb. 1. 1 Alligator (*A. mississippiensis*) presented by William Paul, Philadelphia. 1 American Buffalo (*Bison bison*) ♂ born in the Gardens.
- " 5. 1 Opossum (*Didelphys virginiana*) presented by Harry Higgins, Philadelphia. 2 Goldfinches (*Carduelis elegans*) purchased.
- " 8. 1 Alligator (*A. mississippiensis*) presented by Frank G. Zimmerman, Philadelphia.

- Feb. 11. 1 Red-tailed Buzzard (*Buteo borealis*) presented by Thomas Meehan & Sons, Philadelphia. 2 Bullfinches (*Pyrrhula pyrrhula*) purchased.
- " 12. 1 Black Snake (*Bascanium constrictor*) presented by R. S. Cills, Philadelphia.
- " 13. 1 Common Rabbit presented by Daniel Healy, Philadelphia.
- " 14. 1 Alligator (*A. mississippiensis*) presented by R. W. Cromig, Philadelphia.
- " 18. 1 Illiger's Macaw (*Ara maracana*) purchased. 1 Alligator (*A. mississippiensis*) presented by Mrs. John H. Morrill, Overbrook, Pa.
- " 26. 1 Red-tailed Buzzard (*Buteo borealis*) presented by August Krauss, Philadelphia.







